

IN THE CLAIMS:

Please cancel Claims 5, 11 to 15, 17, 19, 24, 30 to 34, 36, 38 to 57, 62, 68 to 72, 74 and 76 without prejudice to or disclaimer of the subject matter recited therein.

Please amend Claims 1 to 4, 6 to 10, 20 to 23, 25 to 27, 58 to 61, 63 to 65, 77 to 79 and 81 to 83 as follows:

1. (Currently Amended) An image pickup control apparatus for controlling an image pickup apparatus via a data communications interface unit, comprising:

a storage unit which stores a plurality of kinds of means for storing control data for controlling the image pickup apparatus in accordance with a plurality of photographing conditions;

a connection detecting unit which detects means for detecting a connection to the image pickup apparatus via the data communications interface unit;

a guide unit which displays the plurality of photographing conditions stored in said storage unit and guides a user to select a desired photographing condition; and

a control unit which is communicatively coupled to said storage unit, said connection detecting unit and said guide unit, wherein in a case that said connection detection unit detects the connection to the image pickup apparatus, said control unit effects control so as to transmit to the image pickup apparatus a plurality of kinds of control data corresponding to the photographing condition selected by said guide unit and

transmission control means for transmitting the control data stored in said storage means to the image pickup apparatus when said connection detecting means detects a connection to the image pickup apparatus.

2. (Currently Amended) An image pickup control apparatus according to claim 1, wherein said storage unit means stores ~~the~~ control data for controlling a stop, a hue, a color density and a shutter speed.

3. (Currently Amended) An image pickup control apparatus according to claim 1, further comprising a reception detecting unit which detects ~~means for detecting~~ a control reception state of the image pickup apparatus, wherein said ~~transmission~~ control unit means transmits the control data stored in said storage unit means to the image pickup apparatus when said connection detecting unit means detects a connection to the image pickup apparatus and when said reception detecting unit means detects a control reception state of the image pickup apparatus.

4. (Currently Amended) An image pickup control apparatus according to claim 1, wherein the image pickup apparatus has a storage unit which stores ~~means for~~ storing the control data transmitted from said ~~transmission~~ control unit means as current control data.

Claim 5 (Cancelled) .

6. (Currently Amended) An image pickup control apparatus according to ~~claim 5~~ claim 1, wherein the photographing condition is selected based upon an environment and photographing state of a subject, the environment and photographing state including evening photographing, wedding reception photographing, closeup photographing, ski ground photographing, night scene photographing and other photographing.

7. (Currently Amended) An image pickup control apparatus according to ~~claim 5~~ claim 1, further comprising a display control unit which displays ~~means for displaying~~ a model image corresponding to the control data for the desired photographing condition selected ~~by being guided~~ by said guide unit means.

8. (Currently Amended) An image pickup control apparatus according to claim 7, further comprising a change unit which changes ~~means for changing~~ the control data corresponding to the model image by referring to the model image displayed by said display control ~~means~~ unit, wherein said ~~transmission~~ control unit means transmits the control data changed by said change unit means to the image pickup apparatus.

9. (Currently Amended) An image pickup control apparatus according to claim 8, wherein said display control unit means displays the model image corresponding to the control data changed by said change unit means.

10. (Currently Amended) An image pickup control apparatus according to claim 8, further comprising a rewrite unit which changes ~~means for changing~~ the control data stored in said storage unit means to the control data changed by said change unit means.

16. (Original) An image pickup control apparatus according to claim 1, wherein the data communications interface unit is a general digital interface unit.

18. (Original) An image pickup control apparatus according to claim 1, wherein the data communications interface unit conforms with an IEEE 1394 interface bus.

Claim 19 (Cancelled).

20. (Currently Amended) An image pickup control method for controlling an image pickup apparatus via a data communications interface unit, comprising:

a storage step of storing a plurality of kinds of control data for controlling the image pickup apparatus in accordance with a plurality of photographing conditions;

a connection detecting step of detecting a connection to the image pickup apparatus via the data communications interface unit;

a guide step of displaying the plurality of photographing conditions stored in the storage step and guiding a user to select a desired photographing condition; and

a control step, functioning together with said storage step, said connection detecting step and said guide step, of effecting control so as to transmit to the image pickup apparatus a plurality of kinds of control data corresponding to the photographing condition selected in said guiding step, in a case that said connection detecting step detects the connection to the image pickup apparatus

~~a transmission control step of transmitting the control data stored at said storage step to the image pickup apparatus when said connection detecting step detects a connection to the image pickup apparatus.~~

21. (Currently Amended) An image pickup control method according to claim 20, wherein said storage step stores the control data for controlling a stop, a hue, a color density and a shutter speed.

22. (Currently Amended) An image pickup method apparatus according to claim 20, further comprising a reception detecting step of detecting a control reception state of the image pickup apparatus, wherein said ~~transmission~~ control step transmits the control data stored at said storage step to the image pickup apparatus when said connection

detecting step detects a connection to the image pickup apparatus and when said reception detecting step detects a control reception state of the image pickup apparatus.

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23. (Currently Amended) An image pickup control method according to claim 20, further comprising ~~wherein the image pickup apparatus has~~ a storage step of storing in the image pickup apparatus the control data transmitted at said ~~transmission~~ control step as current control data.

Claim 24 (Cancelled).

25. (Currently Amended) An image pickup control method according to ~~claim 24~~ claim 20, wherein the photographing condition is based upon an environment and photographing state of a subject, the environment and photographing state including evening photographing, wedding reception photographing, closeup photographing, ski ground photographing, night scene photographing and other photographing.

26. (Currently Amended) An image pickup control method according to ~~claim 24~~ claim 20, further comprising a display control step of displaying a model image corresponding to the control data for the desired photographing condition selected ~~by being guided by~~ in said guide step.

27. (Currently Amended) An image pickup control method according to claim 26, further comprising a change step of changing the control data corresponding to the model image by referring to the model image displayed ~~at~~ in said display control step, wherein said ~~transmission~~ control step transmits the control data changed at said change step to the image pickup apparatus.

28. (Original) An image pickup control method according to claim 27, wherein said display control step displays the model image corresponding to the control data changed at said change step.

29. (Original) An image pickup control method according to claim 27, further comprising a rewrite step of changing the control data stored at said storage step to the control data changed at said change step.

Claims 30 to 34 (Cancelled).

35. (Original) An image pickup control method according to claim 20, wherein the data communications interface unit is a general digital interface unit.

Claim 36 (Cancelled).

37. (Original) An image pickup control method according to claim 20, wherein the data communications interface unit conforms with an IEEE 1394 interface bus.

Claims 38 to 57 (Cancelled).

58. (Currently Amended) A storage medium storing a control program for controlling an image pickup apparatus via a data communications interface unit, the program comprising:

a storage routine of storing a plurality of kinds of control data for controlling the image pickup apparatus in accordance with a plurality of photographing conditions;

a connection detecting routine of detecting a connection to the image pickup apparatus via the data communications interface unit;

a guide routine of displaying the plurality of photographing conditions stored in said storage routine and guiding a user to select a desired photographing condition; and

a control routine functioning together with said storage routine, said connection detecting routine and said guide routine, of effecting control so as to transmit to the image pickup apparatus a plurality of kinds of control data corresponding to the photographing condition selected in said guiding routine, in a case that said connection detecting routine detects the connection to the image pickup apparatus and

~~a transmission control routine of transmitting the control data stored at said storage routine to the image pickup apparatus when said connection detecting routine detects a connection to the image pickup apparatus.~~

59. (Currently Amended) A storage medium according to claim 58, wherein said storage routine stores the control data for controlling a stop, a hue, a color density and a shutter speed.

60. (Currently Amended) A storage medium according to claim 58, further comprising a reception detecting routine of detecting a control reception state of the image pickup apparatus, wherein said ~~transmission~~ control routine transmits the control data stored at said storage routine to the image pickup apparatus when said connection detecting routine detects a connection to the image pickup apparatus and when said reception detecting routine detects a control reception state of the image pickup apparatus.

61. (Currently Amended) A storage medium according to claim 58, further comprising wherein the image pickup apparatus has a storage routine of storing in the image pickup apparatus the control data transmitted at said ~~transmission~~ control routine as current control data.

Claim 62 (Cancelled).

63. (Currently Amended) A storage medium according to ~~claim 62~~ claim 58, wherein the photographing condition is based upon an environment and photographing state of a subject, the environment and photographing state including evening photographing, wedding reception photographing, closeup photographing, ski ground photographing, night scene photographing and other photographing.

64. (Currently Amended) A storage medium according to ~~claim 62~~ claim 58, further comprising a display control routine of displaying a model image corresponding to the control data for the desired photographing condition selected ~~by being guided by~~ in said guide routine.

65. (Currently Amended) A storage medium according to claim 64, further comprising a change routine of changing the control data corresponding to the model image by referring to the model image displayed at said display control routine, wherein said ~~transmission~~ control routine transmits the control data changed at said change routine to the image pickup apparatus.

66. (Original) A storage medium according to claim 65, wherein said display control routine displays the model image corresponding to the control data changed at said change routine.



67. (Original) A storage medium according to claim 65, further comprising a rewrite routine of changing the control data stored at said storage routine to the control data changed at said change routine.

Claims 68 to 72 (Cancelled).

73. (Original) A storage medium according to claim 58, wherein the data communications interface unit is a general digital interface unit.

Claim 74 (Cancelled).

75. (Original) A storage medium according to claim 58, wherein the data communications interface unit conforms with an IEEE 1394 interface bus.

77. (Currently Amended) An image pickup control apparatus for controlling an image pickup apparatus via a data communications interface unit, comprising:

a storage unit which stores ~~means for storing~~ a plurality ~~set~~ of kinds of control data for controlling the image pickup apparatus in accordance with ~~corresponding~~ to a plurality of photographing conditions ~~modes, the control data controlling the image pickup apparatus;~~

a connection detecting unit which detects ~~means for detecting~~ a connection of the image pickup apparatus via the data communication interface unit;

a guide unit which displays the plurality of photographing conditions stored in said storage unit and guides a user to select a desired photographing condition; and

a control unit which is communicatively coupled to said storage unit, said connection detecting unit and said guide unit, wherein in a case that the image pickup

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apparatus is in a controllable state when said connection detection unit detects the connection to the image pickup apparatus, said control unit effects control so as to transmit to the image pickup apparatus a plurality of kinds of control data corresponding to the photographing condition selected by said guide unit and

~~transmission control means for transmitting the control data stored in said storage means to the image pickup apparatus when a connection to the image pickup apparatus is detected by said connection detecting means and if it is judged that the image pickup apparatus is in a controllable state.~~

78. (Currently Amended) An image pickup control apparatus according to claim 77, wherein said storage unit means stores the control data corresponding to the photographing mode for controlling a stop, a hue, a color density and a shutter speed.

79. (Currently Amended) An image pickup control apparatus according to claim 77, further comprising a control unit which controls transmission of ~~means for controlling to allow~~ the control data to control the image pickup apparatus when the image pickup apparatus is in a manual setting mode, wherein said ~~transmission control~~ unit means transmits the control data stored in said storage unit means to the image pickup apparatus when said connection detecting unit means detects a connection to the image pickup apparatus and when the image pickup apparatus is controllable.

80. (Original) An image pickup control apparatus according to claim 77, wherein the photographing mode is based upon an environment and photographing state of a subject, the environment and photographing state including evening photographing, wedding reception photographing, closeup photographing, ski ground photographing, night scene photographing and other photographing.

81. (Currently Amended) An image pickup control apparatus according to claim 79, wherein said data control unit means further comprises a display control unit which displays means for displaying a model image corresponding to the control data for a selected photographing mode, when the control data is set in accordance with the photographing mode.

82. (Currently Amended) An image pickup control apparatus according to claim 81, further comprising a change unit which changes means for changing the control data corresponding to the model image by referring to the model image displayed by said display control unit means, wherein said ~~transmission~~ control unit means transmits the control data changed by said change unit means to the image pickup apparatus.

83. (Currently Amended) An image pickup control apparatus according to claim 82, wherein said display control unit means displays the model image corresponding to the control data changed by said change unit means.

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